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March 18, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: Application No. 10/027191  
Moulton et al

Dear Sir:

Enclosed for filing is the Information Disclosure Statement  
for the above identified application.

Also enclosed is a check for \$180.00 for the filing fee.

Very truly yours,

A handwritten signature in black ink, appearing to read "Sanford Astor".

SANFORD ASTOR  
Attorney for Applicants

SA/jr  
enc.

M 03-19-02

03/008



Practitioner's Docket No. 50770

PATENT

MAR 18 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. 10/027191

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

CERTIFICATION UNDER 37 C.F.R. Sections 1.8(a) and 1.10\*

(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

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deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. section 1.8(a)

37 C.F.R. section 1.10\*

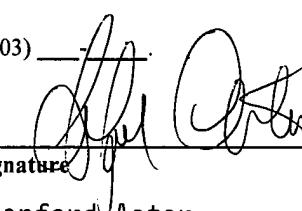
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Sanford Astor

(type or print name of person certifying)

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"Since the filing of correspondence under [section] 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.



The following sections are being submitted for this Information Disclosure Statement:

1. Preliminary Statements
2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
3. Copies of Listed Information Items Accompanying This Statement
4. Identification of Person(s) Making This Information Disclosure Statement



Section 1. Preliminary statements

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. section 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

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The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.



**Section 2. Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)**

(Insert form(s) PTO/SB/08A [Form 6-2] and/or form(s) PTO/SB/08B [Form 6-2.1].)

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Please type a plus sign (+) inside this box

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

**PATENT AND TRADEMARK OFFICE: U.S. DEPARTMENT OF COMMERCE**

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				 <p><b>Complete if Known</b></p> <table border="1"> <tr> <td>Application Number</td> <td>10/027,191</td> </tr> <tr> <td>Filing Date</td> <td>12/20/2001</td> </tr> <tr> <td>First Named Inventor</td> <td>WILLIAM MOULTON</td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>50770</td> </tr> </table>		Application Number	10/027,191	Filing Date	12/20/2001	First Named Inventor	WILLIAM MOULTON	Group Art Unit		Examiner Name		Attorney Docket Number	50770
Application Number	10/027,191																
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First Named Inventor	WILLIAM MOULTON																
Group Art Unit																	
Examiner Name																	
Attorney Docket Number	50770																
Sheet	1	of	1														

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.  
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page 5 of 8

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application Number	10/027,191
Filing Date	12/20/2001
First Named Inventor	WILLIAM MOULTON
Group Art Unit	
Examiner Name	
Attorney Docket Number	50770

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
1	BREGLER ET AL, "Video Rewrite: Driving Visual Speech with Audio," ACM SIGGRAPH 97, Interval Research Corporation, No. 97, ( March 8, 1997).		
2	EEZZAT ET AL, "Mike Talk: A talking Facial Display Based on Morphing Techniques," Proceedings of Computer Animation Conference, ( June 8, 1998).		
3	EEZZAT ET AL, "Visual Speech Synthesis by Morphing Visemes," A.I.Memo , MIT, No. 165, ( March 8, 1999).		
4	BRAND ET AL, "Voice-Driven animation," TR-98-20, Mitsubishi Electric Research Laboratory, ( March 8, 1998).		
5	BURNETT ET AL, "Direct and Indirect Measures of Speech Articulator Motions Using Low Power EM Sensors," XIV International Congress of Phonetic Sciences, Lawrence Livermore National Laboratory, ( March 8, 1999).		
6	HOLZRICHTER ET AL, "Human Speech Articulator Measurements Using Low Power , 2 GHz Honodyne Sensors," 24th International Conference of Infrared and Millimeter Waves, Lawrence Livermore National Laboratory, ( March 8, 1999).		
7	BURNETT ET AL , "The Use of Glottal Electromagnetic Micropower Sensors (GEMS) in Determining a Voiced Excitation Function," 138th Meeting of the Acoustical Society of America, Lawrence Livermore National Laboratory, ( March 8, 1999).		
8	PENTLAND ET AL, "View-Based and Modular Eigenspaces for Face Recognition," MIT Media Laboratory, IEEE Conference on Computer Vision & Pattern Recognition, ( March 8, 1994).		

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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**Section 3. Copies of Listed Information Items Accompanying This Statement**

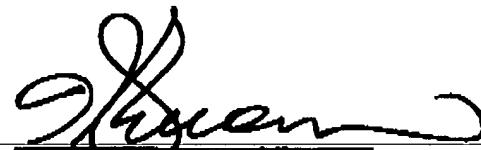
Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

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**4. Identification of Persons Making This Information Disclosure Statement**

The persons making this certification are:

- a. the inventor who signs below.



Signature of William Moulton

- b. the practitioner who signs below on the basis of the information supplied by the inventor(s).



Date: 03/14/2002

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